



Better Buildings Summit Program

May 27–29, 2015 ■ Washington, D.C.

	COMMERCIAL TRACK		DATA CENTER TRACK	INDUSTRIAL TRACK
7:30–8:30 AM	REGISTRATION AND CONTINENTAL BREAKFAST			
8:30–9:30 AM	KEYNOTE ADDRESS AND WELCOME			
9:30–10:00 AM	BREAK			
10:00–11:30 AM	MORNING SESSIONS*			
	5 concurrent sessions; choose 1		Planning-Barriers-Solutions for Data Center Project Development Room: Virginia A	Tapping Into DOE’s Portfolio of Manufacturing Energy Efficiency Resources Room: Washington 5
	Commercial Real Estate Meet-Up Room: Virginia C	Healthcare Meet-Up Room: Maryland A		
	Higher Education Meet-Up Room: Maryland B	Hospitality Meet-Up Room: Virginia C		
	Retail, Food Service & Grocery Meet-Up Room: Virginia B			
12:00–1:30 PM	NETWORKING LUNCH**			
1:30–3:00 PM	AFTERNOON SESSIONS*			
	5 concurrent sessions; choose 1		PUE Baselineing: Methods and Resources Room: Virginia A	The Role of Energy Efficiency in a New Manufacturing Energy Landscape Room: Washington 5
	Accelerating Energy Efficiency Through the Commercial Lease Room: Virginia C	Lessons Learned and the Future of Plug Load Controls Room: Maryland C		
	Maximizing Energy Savings in Laboratories Room: Maryland B	Maximizing Supermarket Refrigeration System Energy Efficiency Room: Maryland A		
	Reducing Energy Consumption in Restaurants and Kitchens: Turning Down the Heat on Energy Bills Room: Virginia B			
3:00–3:30 PM	BREAK			
3:30–5:00 PM	AFTERNOON SESSIONS*			
	2 concurrent sessions; choose 1		2 concurrent sessions; choose 1	2 concurrent sessions; choose 1
	The Art and Science of Appraising Green Buildings Room: Virginia C	Combined Heat and Power Meet-Up Room: Wilson A	Combined Heat and Power Meet-Up Room: Wilson A	Combined Heat and Power Meet-Up Room: Wilson A
	Retrofits: Refrigeration, RTUs, and Lighting Room: Maryland A	Sector Specific Building Tours (Invite Only) Offsite/Various Locations	The Value Proposition for Data Center Optimization Room: Virginia A	Ending the Tyranny of the 2-Year Payback: Effective Industrial Financing Strategies Room: Washington 5
6:00–7:30 PM	BETTER BUILDINGS CHALLENGE PARTNER RECOGNITION CEREMONY (INVITE ONLY)			

MULTIFAMILY TRACK	PUBLIC TRACK		RESIDENTIAL TRACK
REGISTRATION AND CONTINENTAL BREAKFAST			
KEYNOTE ADDRESS AND WELCOME			
BREAK			
MORNING SESSIONS*			
2 concurrent sessions; choose 1	4 concurrent sessions; choose 1		2 concurrent sessions; choose 1
Financial Options for Public Housing Authorities Room: Roosevelt 2	Breaking Down the Barriers to Energy Efficiency & Renewable Energy Deployment in Water & Wastewater Facilities Room: Washington 4	Developing a Strong Energy Savings Performance Contracting Project Room: Roosevelt 5	Incentives: What Gets Homeowners to Move, What Not So Much Room: Delaware B
Green Operations and Management Room: Roosevelt 1	Giving Your Vision Wings: How to Operationalize Your Sustainability Goals Room: Roosevelt 4	Strategies and Guidelines for the Cleansing and Analysis of Building Energy Benchmarking Data Room: Roosevelt 3	Staged Upgrade Initiative (SUI): Getting the Most Out of Every Improvement Room: Delaware A
NETWORKING LUNCH**			
AFTERNOON SESSIONS*			
2 concurrent sessions; choose 1	4 concurrent sessions; choose 1		2 concurrent sessions; choose 1
How to Get to Zero Energy in Multifamily Room: Roosevelt 2	Achieving Financial Independence: Lessons on How to Create Sustainable Financing for Your Programs and Projects Room: Washington 4	Developing Momentum for Clean Energy Policy Room: Roosevelt 4	Scaling Residential Energy Efficiency Programs Room: Delaware B
Marketing Your Green Assets to Attract Residents Room: Roosevelt 1	Emerging Trends in State and Local Energy/Climate Planning Room: Roosevelt 5	Harnessing the Power of Data to Improve Building Performance Room: Roosevelt 3	Solving the Problems of Residential Energy Efficiency Programs: The Mastermind Session Room: Delaware A
BREAK			
AFTERNOON SESSIONS*			
2 concurrent sessions; choose 1	5 concurrent sessions; choose 1		Better Buildings Residential Network/Georgetown University Energy Prize (GUEP) Participant Meet-Up Room: Delaware A & B
Combined Heat and Power Meet-Up Room: Wilson A	Accessing Secondary Markets to Stimulate Financing for Energy Efficiency Investments Room: Roosevelt 3	Combined Heat and Power Meet-Up Room: Wilson A	
	City-Led Challenge Program Peer Huddle Room: Roosevelt 4	Measuring Savings and Tracking Performance in the Public Sector Room: Roosevelt 5	
Financing Renewables in Multifamily Rooms: Roosevelt 1 & 2	Ramping up Technology to Mitigate Climate Change: Innovations in Project Design and Program Development Room: Washington 4		
BETTER BUILDINGS CHALLENGE PARTNER RECOGNITION CEREMONY (INVITE ONLY)			

*Additional Speed Dating with Financial Allies sessions are available.
**Higher Education Data Benchmarking Meet-Up, Room: Maryland B or Department of Housing and Urban Development and Financial Ally Working Lunch on PACE Financing, Room: Washington 6.

	DATA-DRIVEN RESULTS TRACK	FINANCING AND PARTNERSHIPS TRACK	HIGH-IMPACT TECHNOLOGIES TRACK	PORTFOLIO-WIDE STRATEGIES TRACK
7:30–8:30 AM	REGISTRATION AND CONTINENTAL BREAKFAST			
8:30–9:30 AM	KEYNOTE ADDRESS AND RECOGNITION CEREMONY			
9:30–10:00 AM	BREAK			
10:00–11:30 AM	MORNING SESSIONS: 11 CONCURRENT SESSIONS ACROSS 4 TRACKS; CHOOSE 1*			
	DOE Asset Score: Coming to a Building Near You Room: Roosevelt 4	Capturing the Value of Efficiency: Incorporating Energy Performance Into Commercial Real Estate Investment Practices Room: Roosevelt 3	Adaptive Reuse: Reimagining Existing Buildings Room: Virginia B	Driving Energy Savings in the Supply Chain Room: Roosevelt 5
	Getting the Savings You Want: Strategies for Ensuring Real Energy Savings in New Construction and Existing Building Retrofits Room: Delaware A	Financing Energy Efficiency Improvements Through the Utility Bill Room: Roosevelt 2	Integrating Solar PV: Strategies and Case Studies Room: Virginia C	Intelligent Efficiency: Delivering 21st Century Energy Savings Room: Washington 4
		Savings Bonanza: Industrial Energy Efficiency Programs That Work Room: Roosevelt 1	Managing Data Centers In Multi-Use Environments Room: Virginia A	Seize the Day: Turning Building Life-Cycle Milestones Into Energy Efficiency Opportunities Room: Washington 5
12:00–1:30 PM	BETTER BUILDINGS CHALLENGE PARTNER PANEL DISCUSSION & LUNCH			
1:30–3:00 PM	AFTERNOON SESSIONS: 10 CONCURRENT SESSIONS ACROSS 4 TRACKS; CHOOSE 1*			
	Finding and Funding an Energy Management Information System That Is Right for Your Building Portfolio Room: Roosevelt 4	Advancing Commercial and Industrial Energy Efficiency Policies and Programs Room: Roosevelt 1	High-Performance Troffer Lighting Solutions Room: Virginia C	Now That We've Dipped Our Toe In... Lessons Learned From the Better Buildings Challenge Water Pilot Room: Roosevelt 5
		Leveraging the Real Estate Industry to Increase Energy Efficiency Upgrades Room: Roosevelt 3	HVAC Solutions for Small and Large Buildings, Part 1: Life-Cycle Management Approach for Packaged HVAC Room: Virginia A	Strengthening Resiliency Through Clean Energy Technologies Room: Washington 4
		PACE: Innovations in Energy Efficiency Financing Room: Roosevelt 2	Zero Energy Buildings: Defining It and Doing It Room: Virginia B	Using Technology to Engage Tenants and Save Energy Room: Washington 5
3:00–3:30 PM	BREAK			
3:30–5:00 PM	AFTERNOON SESSIONS: 12 CONCURRENT SESSIONS ACROSS 4 TRACKS; CHOOSE 1*			
	Accelerating Energy Data Access for Building Owners Room: Roosevelt 4	Engaging the Homeowner to Learn About Energy Efficiency Room: Roosevelt 3	CHP: Opportunities for Energy Efficiency and Resiliency Room: Virginia B	Achieving Continuous Improvement Through Strategic Energy Management Room: Roosevelt 5
	Drive Action Through Energy Data Visualization Room: Delaware B	FREE MONEY!: Working with Utilities to Make Your Energy Reduction Dreams Come True Room: Roosevelt 2	High-Performance Street, Area, and Parking Lighting Solutions Room: Virginia C	Engaging Employees to Drive Efficiency Behavior Room: Washington 5
	Energy Savings Performance Contracting M&V Room: Delaware A	Working with DOE National Labs: Opportunities for Collaboration Room: Roosevelt 1	HVAC Solutions for Small and Large Buildings, Part 2: Large HVAC Systems Room: Virginia A	How to Drive Change with Workplace Charging Room: Washington 4
5:15–6:00 PM	BETTER PLANTS RECOGNITION CEREMONY & POSTER SESSION (ALL ATTENDEES)			
6:00–7:30 PM	NETWORKING EVENT (ALL ATTENDEES)			

*Additional Speed Dating with Financial Allies sessions are available.

	BETTER BUILDINGS ACCELERATORS TRACK	COMMERCIAL TRACK	MULTIFAMILY TRACK	PUBLIC TRACK
7:30–8:30 AM	REGISTRATION AND CONTINENTAL BREAKFAST			
8:30–10:00 AM	MORNING MEETINGS			
	2 concurrent sessions; choose 1	3 concurrent sessions; choose 1	Workshop on Multifamily Efficiency Programs Room: Washington 4	3 concurrent sessions; choose 1
	Better Buildings Accelerator: Industrial Superior Energy Performance (Invite Only) Room: Washington 4	Better Buildings Accelerator: Energy Data Meeting (Invite Only) Room: Delaware A		Best Practices in Data Access, Tracking, and Analysis: Workshop for the Public Sector — Part 1 Room: Roosevelt 3
	Better Buildings Accelerator: Outdoor Lighting Technical Assistance Office Hours (Invite Only) Room: Roosevelt 2	Greening Grants: Minimizing Energy and Environmental Impacts of Federally Funded Research (Invite Only) Room: Delaware B		K-12 Partner Meeting; Including K-12 School Districts in the Clean Energy Equation Room: Roosevelt 4
		High-Impact Technologies Forum: Harnessing American Ingenuity and Innovation Room: Washington 6		SEP Competitive Cohort Meeting: Sustainable Financing for Retrofits (Retrofitting Public Buildings) (Invite Only) Room: Roosevelt 1
10:00–10:30 AM	BREAK			
10:30–12:00 PM	MORNING MEETINGS			
	2 concurrent sessions; choose 1	3 concurrent sessions; choose 1	Workshop on Multifamily Efficiency Programs Room: Washington 4	2 concurrent sessions; choose 1
	Better Buildings Accelerator: Industrial Superior Energy Performance (Invite Only) Room: Washington 4	Better Buildings Accelerator: Energy Data Meeting (Invite Only) Room: Delaware A		Best Practices in Data Access, Tracking, and Analysis: Workshop for the Public Sector — Part 2 Room: Roosevelt 3
	Better Buildings Accelerator: Outdoor Lighting (Invite Only) Room: Roosevelt 2	Greening Grants: Minimizing Energy and Environmental Impacts of Federally Funded Research (Invite Only) Room: Delaware B		SEP Competitive Cohort Meeting: Supporting Leadership by Example in States (Invite Only) Room: Roosevelt 1
		High-Impact Technologies Forum: Harnessing American Ingenuity and Innovation Room: Washington 6		
12:00–1:00 PM	WORKING LUNCH			
1:30–3:00 PM	AFTERNOON MEETINGS			
	Better Buildings Accelerator: Outdoor Lighting Technical Assistance Office Hours (Invite Only) Room: Roosevelt 2	2 concurrent sessions; choose 1		
		Greening Grants: Minimizing Energy and Environmental Impacts of Federally Funded Research (Invite Only) Room: Delaware B		
		High-Impact Technologies Forum: Harnessing American Ingenuity and Innovation Room: Washington 6		

SPECIAL EVENTS

Wednesday

Keynote Address and Welcome

8:30–9:30 AM

Rooms: Salon 1 & 2

Speed-Dating: Learn about Offerings from Better Buildings Challenge Financial Allies

10:00 AM–5:00 PM

Room: Washington 6

Networking Lunch

12:00–1:30 PM

Rooms: Salon 1 & 2

Department of Housing and Urban Development and Financial Ally Working Lunch on PACE Financing

12:00–1:30 PM

Room: Washington 6

Sector Specific Building Tours

(Invite Only)

3:30–5:00 PM

Offsite/Various Locations

Better Buildings Challenge Partner Recognition Event

(Invite Only)

6:00–7:30 PM

Eisenhower Executive
Office Building
White House Campus

Thursday

Keynote Address and Recognition Ceremony

8:30–9:30 AM

Rooms: Salon 1 & 2

Speed-Dating: Learn about Offerings from Better Buildings Challenge Financial Allies

10:00 AM–5:00 PM

Room: Washington 6

Better Buildings Challenge Partner Lunch Panel and Twitter Town Hall

Bigger, Faster, Better:

Better Buildings Challenge

Partners Going Above and

Beyond for Energy Reductions

12:00–1:30 PM

Rooms: Salon 1 & 2, and on Twitter



Follow the discussion at
#BBSummit2015.

Better Plants Recognition Ceremony and Poster Session

(All Attendees)

5:15–5:45 PM

Networking Event

(All Attendees)

6:00–7:30 PM

Friday

Working Lunch

12:00–1:00 PM

Rooms: Salon 1 & 2

Best Practices in Data Access, Tracking, and Analysis: Workshop for the Public Sector

8:30 AM–12:30 PM

Room: Roosevelt 3

Workshop on Multifamily Efficiency Programs

8:30 AM–12:00 PM

Room: Roosevelt 5

High-Impact Technologies Forum: Harnessing American Ingenuity and Innovation

8:30 AM–2:00 PM

Room: Washington 6

COMMERCIAL TRACK				
<div>Commercial Real Estate Meet-Up</div> <div>ROOM Virginia C LEVEL Lobby</div> <div>Join the round table of commercial real estate sector leaders from the Better Buildings Alliance and Better Buildings Challenge. This session will feature short presentations and a discussion on making energy consumption data actionable and the role of solar PV in commercial leased buildings. You will also hear about your colleagues' most exciting energy efficiency projects and interesting challenges, and you will be able to share your own.</div> <div>Moderator Sara Schoen, DOE</div> <div>PANELISTS Deb Cloutier, JDM Associates Steve Harrison, Parmenter Realty Partners Jay Paidipati, Navigant Consulting Drew Torbin, Renewable Energy, ProLogis</div>	<div>Healthcare Meet-Up</div> <div>ROOM Maryland A LEVEL Lobby</div> <div>Join the round table of healthcare sector leaders from the Better Buildings Alliance and Better Buildings Challenge. This session will feature short presentations and discussions on energy independence and zero energy construction. You will also hear about your colleagues' most exciting energy efficiency projects and interesting challenges, and you will be able to share your own.</div> <div>Moderator Sara Schoen, DOE</div> <div>PANELISTS Yuri Millo, Better Place International Erin Richmond, JDM Associates Corey Zarecki, Gundersen Health System</div>	<div>Higher Education Meet-Up</div> <div>ROOM Maryland B LEVEL Lobby</div> <div>Join the round table of higher education sector leaders from the Better Buildings Alliance and Better Buildings Challenge. This session will feature short presentations and discussions on a strategic management model and a self-funding, retro-commissioning program. You will also hear about your colleagues' most exciting energy efficiency projects and interesting challenges, and you will be able to share your own.</div> <div>Moderator Kristen Taddonio, DOE</div> <div>PANELISTS Wendell Brase, University of California, Irvine Susan Corry, University of Maryland John Jameson, ICF International Jesse Warren, University of Virginia</div>	<div>Hospitality Meet-Up</div> <div>ROOM Virginia C LEVEL Lobby</div> <div>Join the round table of hospitality sector leaders from the Better Buildings Alliance and Better Buildings Challenge. This session will feature short presentations and a discussion on energy trends and the hotel brand/franchisee relationship. You will also hear about your colleagues' most exciting energy efficiency projects and interesting challenges, and you will be able to share your own.</div> <div>Moderator Andy Mitchell, DOE</div> <div>PANELISTS Chris Magee, MGM Resorts International Jen Singer, ICF Internatioal Faith Taylor, Wyndham Worldwide Lindsay Wilkinson, InterContinental Hotels Group</div>	<div>Retail, Food Service & Grocery Meet-Up</div> <div>ROOM Virginia B LEVEL Lobby</div> <div>Join the round table of retail, food service, and grocery sector leaders from the Better Buildings Alliance and Better Buildings Challenge. This session will feature short presentations and a discussion on rooftop unit retrofits and replacements for the retail, food service and grocery sector. You will also hear about your colleagues' most exciting energy efficiency projects and interesting challenges, and you will be able to share your own.</div> <div>Moderator Holly Carr, DOE</div> <div>PANELISTS Zach Abrams, ICF International Cara Bastoni, ICF International Kyle Wilkes, JCPenney</div>

**DATA CENTER
TRACK**

**Planning-Barriers-
Solutions for Data Center
Project Development**

ROOM Virginia A
LEVEL Lobby

This session will address the barriers associated with challenging a business-as-usual approach where energy efficiency often takes a back seat to concerns about reliability. Panelists from the private sector and federal agencies will share their approaches to successfully tackling some of their largest institutional hurdles when planning and implementing projects to improve efficiency in their data centers.

Moderator
Will Lintner, DOE

PANELISTS

John Dumler, Digital Realty
David Oshinski, The Home Depot

**INDUSTRIAL
TRACK**

**Tapping Into
DOE's Portfolio of
Manufacturing Energy
Efficiency Resources**

ROOM Washington 5
LEVEL Exhibition

A range of programs and resources are available to help companies save energy, reduce operating costs, and improve competitiveness. In this panel, Better Plants Partners will describe how they have leveraged various resources to help them make progress toward the aggressive energy efficiency goals set by their organizations.

Moderator
Jay Wrobel, DOE

PANELISTS

Muneer Chowdhury,
Bridgestone Americas
Bert Hill, Volvo Group North America
Steve Schultz, 3M

**MULTIFAMILY
TRACK**

**Financial Options
for Public Housing
Authorities**

ROOM Roosevelt 2
LEVEL Exhibition

Limited funding does not need to exclude investing in energy efficiency improvements. This session will demonstrate how Public Housing Authorities can use Energy Performance Contracts and the Rental Assistance Demonstration program to support their energy commitments.

Moderator
Shauna Sorrells, HUD

PANELISTS

Chris Jedd, Denver Housing Authority
Beth Keel, San Antonio Housing Authority
Rick Rentz, TA Engineering/
Housing Authority of
Baltimore City

**Green Operations
and Management**

ROOM Roosevelt 1
LEVEL Exhibition

Besides strengthening resident engagement programs, it is important to implement Green O&M practices to reduce energy consumption in your portfolio. This session will share best practices and available toolkits to educate site staff.

Moderator
Krista Egger, Enterprise
Community Partners

PANELISTS

Toby Ast, Preservation
of Affordable Housing
Jennifer Reed, Eden Housing
Becky (Rebecca) Schaaf,
Stewards of Affordable Housing
for the Future

PUBLIC
TRACK

Breaking Down the
Barriers to Energy
Efficiency & Renewable
Energy Deployment in
Water & Wastewater
Facilities

ROOM Washington 4
LEVEL Exhibition

In this session, states, local governments, and water and wastewater utilities will discuss how they overcame some of the persistent barriers to deploying energy efficiency and renewable energy at their facilities and the tools needed to increase deployment nationwide.

Moderator
Ira Birnbaum, DOE

PANELISTS

Martin Adams, Los Angeles
Department of Water and Power
Jessica Burdette, Minnesota
Department of Commerce
Barry Liner, Water Environment
Federation

Developing a
Strong Energy
Savings Performance
Contracting Project

ROOM Roosevelt 5
LEVEL Exhibition

How do I know if my project is right for an ESPC? What EM&V procedures should I specify? Come hear how your peers have addressed these questions by applying best practices in ESPC project development and negotiation, including assessing audit results, leveraging available resources to benchmark energy conservation measure packages, preparing for ESCO selection, and defining reliable and cost-effective EM&V approaches.

Moderator
Chris Halpin, Celtic Energy

PANELISTS

Michael O'Connor,
Appalachian State University

Giving Your Vision Wings:
How to Operationalize
Your Sustainability Goals

ROOM Roosevelt 4
LEVEL Exhibition

This session will feature state and local governments that have established internal sustainable operations plans and policies for their own organizations as a means of operationalizing their energy and climate goals. Learn strategies to realize sustainability goals through employee orientation and programming, departmental budget innovation, and technology platform development.

Moderator
Sarah Zaleski, DOE

PANELISTS

Matt Gray, Cleveland, OH
Brendan Reed,
Chula Vista, CA
Kim Vagher, Arvada, CO

Strategies and Guidelines
for the Cleansing and
Analysis of Building
Energy Benchmarking
Data

ROOM Roosevelt 3
LEVEL Exhibition

A growing number of local governments and states are collecting building benchmarking data from thousands of public and private building owners. Data cleansing is a critical step prior to analysis and interpretation of data. Learn about methodologies and principles that leading organizations are employing to cleanse benchmarking data and improve the accuracy of future year data sets.

Moderator
Mona Khalil, DOE

PANELISTS

Christine Liaukus, New Jersey
Institute of Technology
Scott Wagner, Consortium for
Building Energy Innovation at
Penn State University
Mark Warner, Sustainability
Institute at the College of New
Jersey & Sustainability NJ

RESIDENTIAL TRACK

Incentives:
What Gets Homeowners
to Move, What Not So Much

ROOM Delaware B
LEVEL Lobby

What incentives did homeowners respond to in a \$500 million Recovery Act grant program, and what was learned from incentives that did not work so well? This session will utilize the Better Buildings Residential Program Solution Center to share proven strategies for energy efficiency programs.

Moderator
Jonathan Cohen, DOE

PANELISTS

- Dana Fischer, Efficiency Maine
- Rob McCracken, Greater Cincinnati Energy Alliance
- Mary Templeton, Michigan Saves

Staged Upgrade Initiative (SUI):
Getting the Most Out of Every Improvement

ROOM Delaware A
LEVEL Lobby

While whole-home programs set the gold standard for comfort and energy savings, most choose to undertake retrofits in smaller pieces, such as replacing a furnace. Learn about the DOE Staged Upgrade Initiative, which seeks to use this existing retrofit activity and Building America’s best practices to accelerate the adoption of energy efficiency products and practices with help from trade allies and program administrators.

Moderator
Subid Wagley, DOE

SPECIAL EVENT

Networking Lunch:
Higher Education Data Benchmarking Meet-Up

ROOM Maryland B
LEVEL Lobby

Want to know how your campus buildings are performing compared to similar buildings on other campuses? This type of comparison has been difficult in the past due to the nature of higher education buildings, which are often specialized (laboratories, sport facilities, classrooms) and can include multiple use types. Join the discussion about higher education facility benchmarking and learn about DOE’s Buildings Performance Database (BPD) as a potential resource for sharing energy data in the sector.

Moderators
Elena Alschuler and Holly Carr, DOE

Department of Housing and Urban Development and
Financial Ally Working Lunch on PACE Financing

ROOM Roosevelt 1
LEVEL Mezzazine

The Federal Government and State of California recently announced a series of activities to unlock Property-Assessed Clean Energy (PACE) financing for multifamily housing in California. Many Better Buildings Challenge Financial Allies already make commercial PACE investments in California. During this lunch meeting, officials from the U.S. Department of Housing and Urban Development will meet with Better Buildings Challenge Financial Allies to discuss how to take advantage of this announcement.

Moderator
Trisha Miller, HUD

COMMERCIAL
TRACK

Accelerating Energy
Efficiency Through
the Commercial
Lease

ROOM Virginia C
LEVEL Lobby

The lease is a powerful tool for tenants and landlords to achieve sustainability and corporate social responsibility goals. So why aren't more organizations putting green leasing into practice? This session will provide a primer on commercial green leases and showcase successes and challenges faced by leading organizations that are implementing lease clauses to accelerate and achieve energy performance goals.

Moderator
Deb Cloutier, JDM
Associates

PANELISTS

Jeffrey Lesk, Nixon
Peabody
Becca Rushin, Jamestown
Properties
Brant Smith, NEO Realty
Group

Lessons Learned
and the Future of
Plug Load Controls

ROOM Maryland C
LEVEL Lobby

Commercial plug and process loads (PPLs) are projected to grow from 30% to 35% of total commercial building energy use between 2006 and 2020, due to an increase in the number of plug-in devices and the energy intensity of those devices. This session will outline the challenges with commercial plug load controls, along with solutions for tracking and reducing PPLs such as hardware, software, and web-based service options.

Moderator
Rois Langner, National
Renewable Energy
Laboratory

PANELISTS

Matt Baldassano,
Commscope
Jason Page, Alliance for
Sustainable Colorado
Kinga Porst, General
Services Administration
(GSA)

Maximizing
Energy Savings
in Laboratories

ROOM Maryland B
LEVEL Lobby

Laboratory facilities are very energy intensive—using about three times more energy than an average office building. Operating a single lab fume hood can result in as much energy use as three typical homes! Join peers to explore opportunities for saving energy in labs and to hear about actual implementations, including a highly successful campus-wide program.

Moderator
Craig Wray, Lawrence
Berkeley National
Laboratory

PANELISTS

Wendell Brase, University
of California, Irvine
Gordon Sharp, Aircuity
Tom Smith, Exposure
Control Technologies

Maximizing
Supermarket
Refrigeration
System Energy
Efficiency

ROOM Maryland A
LEVEL Lobby

Refrigeration often accounts for over half of the energy consumption in supermarkets, grocery stores, and convenience stores. Attendees will learn how the Better Buildings Alliance is helping members reduce refrigeration energy consumption. Topics will include developing an energy metric for supermarket refrigeration systems, leveraging utility incentive programs, and purchasing supermarket refrigeration as a service.

Moderator
Robert (Bob) Zogg,
Navigant Consulting

PANELISTS

Jeremy Litow,
CLEAResult/Portland
Energy Conservation Inc.
Richard Lord, Carrier
Corporation and ASHRAE
John Wallace, Emerson
Climate Technologies

Reducing Energy
Consumption
in Restaurants
and Kitchens:
Turning Down the
Heat on Energy Bills

ROOM Virginia B
LEVEL Lobby

Restaurants use much more energy per square foot than any other commercial building. Learn how DOE and Partners are helping pave the way for energy savings in the commercial food service sector. Panelists will discuss programs and resources for energy efficiency techniques and products such as walk-in coolers/freezers with advanced control, energy management systems, demand control kitchen ventilation, and more.

Moderator
Richard Shandross,
Navigant Consulting

PANELISTS

Jeff Clark, National
Restaurant Association
Don Fisher, Fisher
Consultants
Carol Tobian,
National Resource
Management, Inc.

**DATA CENTER
TRACK**

**PUE Baselineing:
Methods and Resources**

ROOM Virginia A
LEVEL Lobby

DOE will begin this session by providing an overview of PUE baselineing strategies that address various challenges reported by Better Buildings Challenge Partners. Panelists will then share successful baselineing best practices within their programs, followed by a Q&A session to address specific challenges that attendees may be facing.

Moderator
Steve Greenberg, Lawrence
Berkeley National Laboratory

PANELISTS

Steve Greenberg, Lawrence
Berkeley National Laboratory
Steve Hammond, National
Renewable Energy Laboratory

**INDUSTRIAL
TRACK**

**The Role of Energy
Efficiency in a New
Manufacturing Energy
Landscape**

ROOM Washington 5
LEVEL Exhibition

The industrial energy landscape is changing in profound ways, with new supplies of domestic natural gas driving prices down and helping improve the competitive positioning of U.S. manufacturers. Panelists in this session will provide an overview of the industrial energy landscape, its impact on manufacturing competitiveness, and the continuing importance of industrial energy efficiency.

Moderator
Neal Elliot, ACEEE

PANELISTS

Walt Brockway, Alcoa
Tom Lorenz, Energy Information
Administration
Sharon Nolen, Eastman
Chemical Company

**MULTIFAMILY
TRACK**

**How to Get to Net Zero
in Multifamily**

ROOM Roosevelt 2
LEVEL Exhibition

By installing on-site renewable sources and integrating energy-efficient design approaches, buildings can produce all of the energy they use. This session examines case studies and resources available to reaching zero net energy performance in multifamily buildings.

Moderator
Ralph DiNola, New Buildings
Institute

PANELISTS

Gina Ciganik, Aeon
Tabitha Crawford, Balfour
Beatty Communities
Benjamin Knopp, Community
Housing Partners

**Marketing Your Green
Assets to Attract
Residents**

ROOM Roosevelt 1
LEVEL Exhibition

For multifamily developers that do not receive federal subsidies, actively marketing energy efficiency and other sustainability measures can catch the attention of potential tenants. Learn from other Partners about how to attract residents by promoting your work to cut energy costs.

Moderator
Kevin Bush, HUD

PANELISTS

John Corcoran, Corcoran
Management
Krista Egger, Enterprise
Community Partners
Jill Ziegler, Forest City

PUBLIC
TRACK

Achieving Financial Independence: Lessons on How to Create Sustainable Financing for Your Programs and Projects

ROOM Washington 4
LEVEL Exhibition

This session will highlight state and local government agencies that are using innovative mechanisms to create sustainable funding streams for their programs.

Moderator
Eleni Pelican, DOE

PANELISTS

Ryan Harold, Commonwealth of Massachusetts
John Morrill, Arlington County, VA
Terry Steuber, Kansas Corporation Commission

Developing Momentum for Clean Energy Policy

ROOM Roosevelt 4
LEVEL Exhibition

Participants will hear from successful policy implementers on practical strategies to build political support and momentum around energy efficiency policies. Presenters will share their efforts and results from the regional, state, and local perspectives.

Moderator
Caroline Keicher, Natural Resources Defense Council

PANELISTS

Jennifer Gunby, Kansas City, KS
Brendon Slotterback, Minneapolis, MN
Natalie Hildt Treat, Northeast Energy Efficiency Partnership

Emerging Trends in State and Local Energy/Climate Planning

ROOM Roosevelt 5
LEVEL Exhibition

State and local governments are increasingly creating plans to reduce greenhouse gas emissions using energy efficiency. Presenters include Illinois on its efforts to position energy efficiency and renewable energy as primary options for environmental compliance; Houston and its work on the Mayors' National Climate Action Agenda; and New York State and Yonkers on New York's Five Cities program, which works with cities to develop local components to state energy and climate targets.

Moderator
Amy Royden-Bloom, DOE

PANELISTS

Lisa Lin, Houston, TX
Molly Lunn, Illinois Energy Office
Katherine Rougeux, New York Power Authority
Brad Tito, Yonkers, NY

Harnessing the Power of Data to Improve Building Performance

ROOM Roosevelt 3
LEVEL Exhibition

Benchmarking and data management practices are generating a rich collection of readily accessible energy performance data. Learn how state and local governments are driving savings in public and private buildings, from strategic management and commissioning of public buildings to making the energy performance of commercial and multifamily buildings available and meaningful to prospective tenants and buyers.

Moderator
Mona Khalil, DOE

PANELISTS

Emily Levin, Vermont Energy Investment Corporation
Ron Mohr, Los Angeles, CA
Zach Wilson, New City Energy

RESIDENTIAL TRACK

Scaling Residential Energy Efficiency Programs

ROOM Delaware B
LEVEL Lobby

What approaches did grantees in a \$500 million Recovery Act grant program take to scale operations to achieve over 100,000 upgrades? Learn about the financing, data, contractor, customer engagement, and target marketing decisions that made the difference.

Moderator
Danielle Sass Byrnett, DOE

PANELISTS

Pamela Brookstein, Elevate Energy
Rachel Cluett, ACEEE
Derek Smith, Clean Energy Works

Solving the Problems of Residential Energy Efficiency Programs: The Mastermind Session

ROOM Delaware A
LEVEL Lobby

Join the Better Buildings Residential Network for a Mastermind session—a problem-solving facilitation method from the business sector, which will use one member’s current challenge and draw on a combined 100+ years of experience of the other participants to generate solutions. All members share common problems and opportunities. The ideas we generate for one will benefit all of us.

Moderator
Jonathan Cohen, DOE

PANELISTS

Michael Walton, Green Spaces Chattanooga

COMMERCIAL
TRACK

The Art and Science of
Appraising Green Buildings

ROOM Virginia C
LEVEL Lobby

Appraisers’ understanding of green building benefits is critical to ensuring that buyers purchase buildings that meet their comfort and operational expectations, and sellers receive appropriate compensation for the effort spent improving and maintaining their buildings. However, as the sustainable real estate industry becomes more sophisticated, appraisers and underwriters need better training and guidance, as well as more information about individual buildings and their market comparisons. This session will cover a range of resources being developed to support green appraisals, and the breakthroughs and challenges that real estate owners and lenders have experienced when implementing them.

Moderator
Elena Alschuler, DOE

PANELISTS

Jessica Long, JBG Companies
Cliff Majersik, IMT
Genevieve Sherman, Connecticut Green Bank

Retrofits:
Refrigeration, RTUs, and Lighting

ROOM Maryland A
LEVEL Lobby

Coming soon

Moderator
Andrew Mitchell, DOE

PANELISTS

Mike Ellinger, Whole Foods
Richard Royal, Walmart
Brenna Walraven, Corporate Sustainability Strategies, Inc.

Sector Specific
Building Tours
(Invite Only)

Offsite/Various Locations

Coming soon

DATA CENTER
TRACK

The Value Proposition
for Data Center Optimization

ROOM Virginia A
LEVEL Lobby

Learn how industry leaders are driving energy and cost savings through a range of solutions. Panelists will share summaries of specific technological changes and/or improvements through consolidation and the tangible financial and environmental benefits they produced.

Moderator
Dale Sartor, Lawrence Berkeley National Laboratory

PANELISTS

Billie Haggard, CoreSite
Steve Naumann, Social Security Administration

INDUSTRIAL
TRACK

Ending the Tyranny
of the 2-Year Payback:
Effective Industrial
Financing Strategies

ROOM Washington 5
LEVEL Exhibition

Manufacturers typically subject energy efficiency projects to strict return on investment and payback rules. While many companies only fund projects that pay for themselves in 2 years or less, manufacturers represented on this panel will discuss mechanisms they have employed to stretch or work around conservative energy efficiency investment rules.

Moderator
Andre de Fontaine, DOE

PANELISTS

Bob Bechtold, Harbec
Richard Russell, Nissan North America
Bruce Schlein, Citi

MULTIFAMILY
TRACK

Financing Renewables
in Multifamily

ROOM Roosevelt 1 & 2
LEVEL Exhibition

Many affordable multifamily housing developers are finding innovative ways to finance clean energy. Learn about recent solar PV and storage projects from leading housing owners and resilient-power advocates.

Moderator
Mara Blitzer, HUD

PANELISTS

Darien Crimmin, WinnCompanies
Jeff Greenberger, Affordable Community Energy
Jared Lang, National Housing Trust (NHT)
Rob Sanders, Clean Energy Group

PUBLIC TRACK

Accessing Secondary Markets to Stimulate Financing for Energy Efficiency Investments

ROOM Roosevelt 3
LEVEL Exhibition

This panel will showcase recent developments and successes of selling energy efficiency loan portfolios to secondary markets. Panelists will also discuss how to address the continued need for consistent data across programs to create investor confidence.

Moderator
Emily Martin Fadrhonc,
Lawrence Berkeley National
Laboratory

PANELISTS

Cisco DeVries, Renewable
Funding
Benjamin Healey, Connecticut
Clean Energy Finance
Nicholas Whitcombe, NY
Green Bank

City-Led Challenge Program Peer Huddle

ROOM Roosevelt 4
LEVEL Exhibition

Leaders of energy efficiency challenge programs, and those interested in launching challenge programs in their jurisdictions, are invited to participate in a facilitated peer discussion on strategies to design, administer, and grow programs in their respective markets.

Moderator
Sarah Zaleski, DOE

Measuring Savings and Tracking Performance in the Public Sector

ROOM Roosevelt 5
LEVEL Exhibition

As local governments begin to implement energy efficiency policies and programs, the need to better understand energy savings becomes important. What energy savings can we attribute to benchmarking and disclosure laws? How do we apply data in Portfolio Manager and verify that the energy reductions were a result of efficiency practices? In this session, we will explore ways that local governments can measure these savings.

Moderator
Michael Li, DOE

PANELISTS

Matt Cox, Atlanta, GA
Jay Luboff, Navigant Consulting

Ramping up Technology to Mitigate Climate Change: Innovations in Project Design and Program Development

ROOM Washington 4
LEVEL Exhibition

The development and deployment of renewable energy technologies are an important part of our “all of the above” strategy to mitigate climate change. In this session, hear from a state government, local government, and K-12 school district that have developed innovative programs or approaches to clean energy project design including microgrids, renewable energy technologies, and energy master planning.

Moderator
Crystal McDonald, DOE

PANELISTS

Heidi Burkart, Camas School
District
John Phelan, Fort Collins Utility
Energy Services Manager
Marta Tomic, Maryland Energy
Administration
Kellie Williams, Houston
Independent Public Schools

RESIDENTIAL
TRACK

Better Buildings Residential Network/Georgetown University Energy Prize (GUEP) Participant Meet-Up

ROOM Delaware A & B
LEVEL Lobby

Network with Better Buildings Residential Network members and discuss a vision for the coming year. A national GUEP meeting will take place right afterward, where participating communities will discuss the competition in the coming year, share challenges, strategies for success, and ways to maximize the impact of achieving energy goals.

Moderator
Jonathan Cohen, DOE
Chris Nelson, Georgetown University

ALL TRACKS

Combined Heat and Power Meet-Up

ROOM Wilson B
LEVEL Mezzanine

What does combined heat and power (CHP) mean to you? Join us in a lively discussion on CHP and how it might work in your facility. CHP experts will be available to talk about the direct technical assistance that they provide via DOE funding to help you get CHP installed in your facility.

Moderator
Claudia Tighe, DOE

WEDNESDAY AND THURSDAY: ALL DAY

SPECIAL EVENT

Speed-Dating: Learn About Offerings from Better Buildings Challenge Financial Allies

ROOM Washington 6

LEVEL Exhibition

Interested attendees will be matched with Financial Allies for 20-minute “speed dating” sessions to learn about financial offerings for their building portfolios. Attendees will complete a short questionnaire in advance of the Summit to identify specific financing questions and needs. There are 25 Allies providing a wide range of financing solutions, including PACE, ESPCs, insurance, bonds, and more, for all building types.

Moderator

Rahul Young, ICF International

NOTES

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DATA-DRIVEN RESULTS TRACK

DOE Asset Score:
Coming to a Building Near You

ROOM Roosevelt 4
LEVEL Exhibition

Property owners, energy efficiency services and engineering companies, architecture firms, and state and local governments are using the Building Energy Asset Score to inform building energy efficiency investment opportunities. Panelists will discuss the value of the Asset Score and its role in the energy efficiency marketplace.

Moderator
Cody Taylor, DOE

PANELISTS

Aaron Mehta, FS Energy
Greg Thomas, Performance Systems Development

Getting the Savings You Want:
Strategies for Ensuring Real Energy
Savings in New Construction and
Existing Building Retrofits

ROOM Delaware A
LEVEL Lobby

Organizations are setting aggressive Watts per square foot requirements for new construction buildings and holding design and construction teams accountable for results. New models are emerging for ensuring that the performance of existing building energy retrofits meet expectations. Learn the ins and outs of these strategies from colleagues in the energy trenches.

Moderator
Holly Carr, DOE

PANELISTS

Chris Lohman, Energi
Paul Torcellini, National Renewable Energy Laboratory
Corey Zarecki, Gundersen Hospital

FINANCING AND PARTNERSHIPS
TRACK

Capturing the Value of Efficiency:
Incorporating Energy Performance
Into Commercial Real Estate
Investment Practices

ROOM Roosevelt 3
LEVEL Exhibition

There is increasing anecdotal evidence showing the financial benefits of high-performing commercial real estate, seen not just in reduced operating costs, but also in improved rents, vacancy, occupant productivity, and sale prices. This panel discussion will provide insights from industry innovators on how they are positioning energy efficiency as a prudent investment strategy, and explore the design of future research and other interventions to further prove the benefits.

Moderator
Elena Alschuler, DOE

PANELISTS

- Ari Frankel, Deutsche Asset Wealth Management
- Phil Payne, Ginkgo Residential
- Will Teichman, Kimco Realty

Financing Energy Improvements
Through the Utility Bill

ROOM Roosevelt 2
LEVEL Exhibition

States, utilities, and utility cooperatives have all found success with on-bill financing programs. This session will highlight how this innovative financing product is helping reach unique segments of the efficiency market.

Moderator
Eleni Pelican, DOE

PANELISTS

- Tammy Agard, Arkansas
- Frank Spasaro, Pacific Gas & Electric

Savings Bonanza:
Industrial Energy Efficiency
Programs That Work

ROOM Roosevelt 1
LEVEL Exhibition

Industrial customers have much to gain from partnering with their utilities on energy efficiency, but a series of barriers have led to lower industrial participation rates in utility programs relative to other sectors. This panel will highlight effective utility programs for industrial customers, identifying key attributes that drive greater industrial participation and lead to significant energy and cost savings.

Moderator
Sandy Glatt, DOE

PANELISTS

- Greg Baker, Efficiency Vermont
- Jason Krupp, Tennessee Valley Authority
- Rick Pettibone, Franklin Energy
- Gregory Walthers, Franklin Energy

HIGH-IMPACT TECHNOLOGIES TRACK

Adaptive Reuse:
Reimagining Existing Buildings

ROOM Virginia B
LEVEL Lobby

Prolonging the lives of buildings through reuse not only retains a sense of place, but also promotes energy conservation. Hear how RUPCO turned an abandoned factory in Kingston, NY, into a vibrant anchor for the arts community with housing and galleries, while yielding significant energy savings. Other case studies explore the intersection of preservation and sustainability at the University of Virginia and nationally.

Moderator
Rachel Isacoff, HUD

PANELISTS

Peter Bell, National Housing & Rehabilitation Association
Kevin O'Connor, Rural Ulster Preservation Company
Kristine Vey, University of Virginia

Integrating Solar PV:
Strategies and Case Studies

ROOM Virginia C
LEVEL Lobby

In this session, we will present strategies on how to best make the business case for solar PV for different sectors and hear a case study on a successful implementation.

Moderator
Jay Paidipati, Navigant Consulting

PANELISTS

Eugenia Gregorio, The Tower Companies
Matt Lynn, Lend Lease
Mark Manthy, Astrum Solar

Managing Data Centers
in Multi-Use Environments

ROOM Virginia A
LEVEL Lobby

This session will address the challenges encountered while implementing energy efficiency improvements in existing data centers within multi-use buildings. Panelists will share successful strategies on crossing logistical and financial barriers as well as cost-effective metering strategies to allow PUE tracking of their data centers within the context of the surrounding buildings and/or infrastructure.

Moderator
Dale Sartor, Lawrence Berkeley National Laboratory

PANELISTS

Steve Hammond, National Renewable Energy Laboratory
Bill (William) Lakos, Michigan State University

PORTFOLIO-WIDE STRATEGIES TRACK

Driving Energy Savings in the Supply Chain

ROOM Roosevelt 5
LEVEL Exhibition

Large companies are increasingly looking to advance energy efficiency within their supply chains to control costs, minimize risk, and improve their corporate sustainability credentials. As they do, a key issue is understanding the unique needs and challenges facing small businesses—a topic that is also relevant for state and local governments interested in advancing energy efficiency among small manufacturers located in their jurisdictions. Speakers on this panel will explore this issue from a variety of different perspectives.

Moderator
John Smegal, DOE

PANELISTS

Paul Bertram, Kingspan Insulated Metal Panels North America
Mike Muller, Rutgers University
Catherine Potter, Johnson Controls

Intelligent Efficiency: Delivering 21st Century Energy Savings

ROOM Washington 4
LEVEL Exhibition

Low-cost sensors, ubiquitous Internet connectivity, and other technological advances are opening new doors for energy efficiency in homes, buildings, and factories. Sometimes called “intelligent efficiency,” this network-based, high-tech approach could cut the nation’s energy use by 12% to 24% according to some experts. Panelists will discuss new opportunities, developments, and challenges in this emerging field.

Moderator
Ethan Rogers, ACEEE

PANELISTS

Paul Hamilton, Schneider Electric
Marshall Runkel, Clean Energy Works
Theresa A. Spurling-Wood, Alachua County Public Schools

Seize the Day: Turning Building Life-Cycle Milestones Into Energy Efficiency Opportunities

ROOM Washington 5
LEVEL Exhibition

There are numerous milestones in the building life-cycle in which energy efficiency can be integrated—refinancing, aesthetic renovations, environmental compliance, etc. Learn how innovative organizations are leveraging these opportunities to drive energy savings, improve project payback, and infuse efficiency into the DNA of their organizations.

Moderator
Elizabeth Stuart, Lawrence Berkeley National Laboratory

PANELISTS

Peter Brandom, Hillsboro, OR
Darien Crimmin, WinnCompanies
Jesse Warren, University of Virginia

SPECIAL EVENT: WORKING LUNCH

Better Buildings Challenge Partner
Lunch Panel and Twitter Town Hall

Bigger, Faster, Better:
Better Buildings Challenge Partners
Going Above and Beyond for
Energy Reductions

ROOM Salon 1 & 2

LEVEL Lobby

Meet Better Buildings Challenge Partners who are taking their energy commitments to new levels. Leaders from these organizations describe the key elements of their success in the Challenge so far, and the next milestones they are striving for in energy reduction. This moderated panel discussion will be open to questions from the audience and will be live tweeted as part of a Twitter Town Hall. Follow the discussion at [#BBSummit2015](#).

Moderator

Maria T. Vargas, DOE

PANELISTS

Wendell Brase, University of California, Irvine

Kathy Loftus, Whole Foods

Susan Rochford, Legrand North America

Jon Utech, Cleveland Clinic

DATA-DRIVEN RESULTS TRACK

Finding and Funding an Energy
Management Information System
That Is Right for Your Building Portfolio

ROOM Roosevelt 4

LEVEL Exhibition

Energy management information systems (EMIS) are powerful; organizations that have implemented them have reported savings of up to 20% due to better energy performance and operations. However, finding the right EMIS for your organization can be difficult, and securing funding can be even harder. At this session, hear from organizations on how they funded their EMIS and learn about options and resources available for yours.

Moderators

Jessica Granderson, Lawrence Berkeley National Laboratory
Sara Schoen, DOE

PANELISTS

Eugenia Gregorio, The Tower Companies

Pat Lydon, LSO Supply Chain Management

Russell Subjinske, Wendy's

FINANCING AND PARTNERSHIPS TRACK

Advancing Commercial and Industrial Energy Efficiency Policies and Programs

ROOM Roosevelt 1
LEVEL Exhibition

Across the country, states are working with policy-makers, regulators, utilities, and end users to accelerate the adoption of energy efficiency and combined heat and power (CHP). Learn from State Energy Office representatives about their goals and recent strategies for driving deployment of CHP and energy efficiency in the commercial, institutional, and industrial sectors.

Moderator
Jay Wrobel, DOE

PANELISTS

- Jessica Burdette, Minnesota Department of Commerce
- Michael Leslie, Maryland Energy Administration
- Marty Stipe, Oregon Department of Energy

Leveraging the Real Estate Industry to Increase Energy Efficiency Upgrades

ROOM Roosevelt 3
LEVEL Exhibition

The full value of energy efficiency and high-performance homes has yet to be represented in the market; however, a number of “green” real estate industry initiatives are emerging. Energy efficiency programs are beginning to get involved at specific points in the real estate transaction chain. Hear the first three key steps program managers can take to engage the real estate industry.

Moderator
Elizabeth Stuart, Lawrence Berkeley National Laboratory

PANELISTS

- Pamela Brookstein, Elevate Energy
- Denee Evans, Council of Multiple Listing Services
- Emily Levin, VEIC

PACE: Innovations in Energy Efficiency Financing

ROOM Roosevelt 2
LEVEL Exhibition

This session will highlight innovative and successful models of commercial PACE programs and discuss how they help provide access to low-cost, long-term capital to finance improvements to public and private buildings.

Moderator
Eleni Pelican, DOE

PANELISTS

- Jody Clark, Hannon Armstrong
- Ben Healey, Connecticut Green Bank
- Erik Shambarger, Milwaukee, WI

HIGH-IMPACT TECHNOLOGIES TRACK

High-Performance Troffer Lighting Solutions

ROOM Virginia C
LEVEL Lobby

Recessed troffers represent over half of all commercial fluorescent lighting fixtures and consume more than 87 TWh of electricity annually. Come learn how you could achieve 45% energy savings or more by applying the Better Buildings Alliance troffer specification, learn about free tools, resources and technical assistance available through the Interior Lighting Campaign, and hear from building owners who will share results and lessons learned from recent troffer lighting upgrade projects. Participants will also learn how to join the Interior Lighting Campaign focused on troffer lighting with controls.

Moderator
Michael Myer, Pacific Northwest National Laboratory

PANELISTS
William Evans, Princeton University
Chris Magee, MGM Resorts International

HVAC Solutions for Small and Large Buildings, Part 1: Life-Cycle Management Approach for Packaged HVAC

ROOM Virginia A
LEVEL Lobby

Commercial space conditioning (heating, cooling, and ventilation) accounts for about 7.0 quads of primary energy per year, or about 40% of total commercial use in the United States. Come learn about new research into the next generation of HVAC equipment and how proper technology planning can lead to incredible savings. Part 1 will focus on packaged HVAC systems that are treated as individual equipment with minimal maintenance.

Moderator
Michael Deru, National Renewable Energy Laboratory

PANELISTS
Pat Hagan, Wawa
Brian Walser, Bank of America

Zero Energy Buildings: Defining It and Doing It

ROOM Virginia B
LEVEL Lobby

Zero energy buildings are all the rage, but what exactly does it mean to achieve this level of performance? Learn about a national effort to develop definitions and standards for zero energy buildings, campuses, and facilities. Then hear from building owners in the retail, residential, and healthcare sectors about their zero energy projects.

Moderators
Sonia Punjabi and Cody Taylor, DOE

PANELISTS
Chad Harrell, Lend Lease
Yuri Millo, Better Place International
Jason Robbins, Walgreens

PORTFOLIO-WIDE STRATEGIES TRACK

Now That We’ve Dipped Our Toe In... Lessons Learned From the Better Buildings Challenge Water Pilot

ROOM Roosevelt 5
LEVEL Exhibition

A select group of Better Buildings Challenge Partners are working with DOE to set water-saving goals, track progress, and share solutions with their peers. This panel will feature a cross-sector group of organizations sharing early results and key insights on strategies they have used to improve water efficiency.

Moderator
Steven Goldman, Environmental Defense Fund

PANELISTS

Len Hoey, North Carolina
Jared Lang, NHT
Heidi Mackenzie, Ford
Anne White, Transwestern

Strengthening Resiliency Through Clean Energy Technologies

ROOM Washington 4
LEVEL Exhibition

As the impacts of climate change are felt more locally and deeply, cities, states, companies, and institutions are increasingly looking for ways to bolster their readiness for natural disasters, energy supply disruptions, and sea level rise. Attendees will learn how cities, states, campuses, and businesses are strengthening the climate resiliency of their communities and operations by harnessing energy efficiency, renewable energy, and district energy systems.

Moderator
Andrew Peterman, Arup

PANELISTS

Travis Sheehan, Boston, MA
Michael Winka, New Jersey Board of Public Utilities

Using Technology to Engage Tenants and Save Energy

ROOM Washington 5
LEVEL Exhibition

Building owners and operators are increasingly using smart meters and apps to encourage occupants to cut energy consumption. Learn from the commercial, multifamily, and educational building sectors on how to promote energy efficiency behavior through technology.

Moderator
Kevin Bush, HUD

PANELISTS

Jackie Dadakis, Green Coast
Jeff Wrigley, University of Utah

DATA-DRIVEN RESULTS TRACK

Accelerating Energy Data Access for Building Owners

ROOM Roosevelt 4
LEVEL Exhibition

Many utilities are helping commercial property owners measure building energy performance by providing access to whole-building energy data. Panelists will discuss the types of data access solutions being offered by utilities and the challenges that remain, and provide an update on nationwide progress and the role of the Better Buildings Energy Data Accelerator.

Moderator
Monisha Shah, National Renewable Energy Laboratory

PANELISTS

Mark De Yoanna, National Grid
Phillip Henderson, Natural Resources Defense Council

Drive Action Through Energy Data Visualization

ROOM Delaware B
LEVEL Lobby

This session will highlight innovative public and private organizations employing interactive displays and dashboards that harness data to drive energy savings, healthy competition, and market transformation.

Moderator
Sarah Zaleski, DOE

PANELISTS

Aaron Bastain, Atlanta, GA
Cody David, Southface/Atlanta, GA
Andrew Sharp, Philadelphia, PA
Dan Walworth, HEI Hotels & Resorts

Energy Savings Performance Contracting M&V

ROOM Delaware A
LEVEL Lobby

ESPCs traditionally use the International Performance Measurement and Verification Protocol (IPMVP) to measure project energy savings. Given the flexibility of IPMVP options, does saying a project used IPMVP tell us what we need to know about how the savings were measured? This session will explore the nitty-gritty details about ESPC M&V and identify key things building owners should be asking for from these projects.

Moderator
Michael Li, DOE

PANELISTS

Dave Birr, Independent Consultant
Phil Coleman, Lawrence Berkeley National Laboratory
Kevin Vaughn, Schneider Electric

FINANCING AND PARTNERSHIPS TRACK

Engaging the Homeowner to Learn About Energy Efficiency

ROOM Roosevelt 3
LEVEL Exhibition

Who hasn't heard the residential energy efficiency lament that homeowners do not understand energy efficiency and will not spend significant sums of money on something they don't understand? How can programs talk with different audiences, such as low-, middle-, and high-income markets? Join the Better Buildings Residential Network to learn from examples that have worked well and failed miserably.

Moderator
Jonathan Cohen, DOE

PANELISTS

- Diane W. Duva, Connecticut Department of Energy and Environmental Protection
- Beth Galantee, PosiGen
- Devon Hartman, Community Home Energy Retrofit Project

FREE MONEY!: Working with Utilities to Make Your Energy Reduction Dreams Come True

ROOM Roosevelt 2
LEVEL Exhibition

Is your organization taking advantage of the millions of dollars utilities make available through energy efficiency programs every year? E Source provides an overview of trends in utility incentive programs, then Better Buildings Partners describe their successful collaborations with utilities to make use of existing incentives and design custom incentives tailored to their buildings' energy uses.

Moderator
Holly Carr, DOE

PANELISTS

- Ken Black, E Source
- Noreen Cassidy, Korman Multifamily
- Mike Ellinger, Whole Foods

Working with DOE National Labs: Opportunities for Collaboration

ROOM Roosevelt 1
LEVEL Exhibition

DOE's national labs are powerful engines for clean energy innovation. In this session, speakers from the national labs will describe how the private sector can engage with labs to improve energy efficiency, enhance competitiveness, and lower carbon pollution. Panelists will also discuss efforts to assist small businesses, promote entrepreneurship among employees, and provide access to specialized tools and facilities.

Moderator
Jetta Wong, DOE

PANELISTS

- William Farris, National Renewable Energy Laboratory
- Martin Keller, Oak Ridge National Laboratory
- Ramamoorthy Ramesh, Lawrence Berkeley National Laboratory
- Marianne Walck, Sandia National Laboratories

HIGH-IMPACT TECHNOLOGIES TRACK

Combined Heat & Power: Opportunities for Energy Efficiency and Resiliency

ROOM Virginia B
LEVEL Lobby

Panelists will describe how CHP has supported their portfolio energy reduction goals and resiliency concerns. We'll hear from an industrial Partner that is going back for more CHP, a university that is practicing what it teaches, and a financier who sees CHP's value in the marketplace. Come see what CHP has to offer to you.

Moderator
Claudia Tighe, DOE

PANELISTS

Bob Bechtold, HARBEC
Jack Colby, North Carolina State University
Claudia Meer, Clark Financial Services

High-Performance Street, Area, and Parking Lighting Solutions

ROOM Virginia C
LEVEL Lobby

Street lamps, area lighting, and parking lighting are some of the most cost-effective opportunities for energy savings, yet they often remain untapped. Hear from organizations that are saving up to 90% on lighting costs, and learn about free technical assistance, resources, and programs like the Lighting Energy Efficiency in Parking Campaign, Outdoor Lighting Accelerator, and Green Garage Certification Program.

Moderator
Paul Wessel, Green Parking Council

PANELISTS

Nate Mitten, Kimco
Marissa Thorne, Brookfield Office Properties
Jennifer Young, Southeast Michigan Regional Energy Office

HVAC Solutions for Small and Large Buildings, Part 2: Large HVAC Systems

ROOM Virginia A
LEVEL Lobby

Commercial space conditioning (heating, cooling, and ventilation) accounts for about 7.0 quads of primary energy per year, or about 40% of total commercial use in the United States. Come learn about energy-savings opportunities through managing large, complex HVAC systems and proper staff training. Part 2 will focus on central plant HVAC systems.

Moderator
Michael Deru, National Renewable Energy Laboratory

PANELISTS

Ed Hegwood, Rocky Mountain Education Center
John Lambert, Bank of America

PORTFOLIO-WIDE STRATEGIES TRACK

Achieving Continuous Improvement Through Strategic Energy Management

ROOM Roosevelt 5
LEVEL Exhibition

Strategic Energy Management approaches, including ISO 50001 and DOE's Superior Energy Performance Program, can lead to continuous improvement in energy performance and help companies uncover a wealth of low-cost saving opportunities. Hear how these companies and organizations have implemented strategic energy management programs to improve energy efficiency and reduce costs.

Moderator
Paul Scheihing, DOE

PANELISTS

Mark Dhennin, Cummins
Rajaram Srinivasan, Marriott
Wade Willatt, Schneider Electric

Engaging Employees to Drive Efficiency Behavior

ROOM Washington 5
LEVEL Exhibition

Companies that develop comprehensive employee engagement programs achieve greater energy and water savings than is possible by simply appointing a sustainability champion. Learn strategies to effectively communicate with and motivate behavior change from the people who hold resource consumption in their hands every day, including specific language, techniques for gaining buy-in, and even an app!

Moderator
Sandy Glatt, DOE

PANELISTS

Dan Cooper, Toyota
Chris Magee, MGM Resorts International
Kathy Pecora, Will County, IL
Susan Rochford, Legrand North America

How to Drive Change with Workplace Charging

ROOM Washington 4
LEVEL Exhibition

Plug-in electric vehicle charging access at the workplace has nearly doubled in the last two years as employers of all sectors and sizes are increasingly offering workplace charging. Hear from a few of these employers how workplace charging is helping them to reduce petroleum use and GHG emissions, attract and retain talented employees, and demonstrate leadership and environmental stewardship in their communities.

Moderator
Sarah Olexsak, DOE

PANELISTS

Peter Brandom, Hillsboro, OR
Darrel Carter, Sprint
Emily Levin, Vermont Energy Investment Corp

BETTER BUILDINGS ACCELERATORS
TRACK

Better Buildings Accelerator:
Industrial Superior Energy Performance
(Invite Only)

(8:30 AM – 12:00 PM)

ROOM Washington 4
LEVEL Lobby

Better Buildings Superior Energy Performance (SEP) enterprise-wide and the ratepayer-funded Accelerator Partners will meet to discuss progress toward annual goals. We will demonstrate the new ratepayer-funded “Toolkit” along with discussions on tactics for customer recruitment. The enterprise-wide Partners will be discussing opportunities and challenges to implement ISO 50001 and SEP across a cohort of facilities.

Moderators
Sandy Glatt and Paul Scheihing, DOE

Better Buildings Accelerator:
Outdoor Lighting Technical Assistance Office Hours
(Invite Only)

(8:30 AM – 10:00 AM and 1:30 PM – 3:00 PM)

ROOM Roosevelt 2
LEVEL Exhibition

This session is designed for Outdoor Lighting Accelerator Partners and guests to receive one-on-one technical assistance. Meetings are available between 8:30–10:00 am and 1:30–3:00 pm, and should be scheduled in advance. Offered in coordination with the Outdoor Lighting Accelerator Partner meetings, these technical assistance meetings are an opportunity to dig deeper into a specific topic, and explore the possible solutions to help address your organization’s needs.

Moderator
Crystal McDonald, DOE

COMMERCIAL TRACK

Better Buildings Accelerator:
Energy Data Meeting
(Invite Only)

(8:30 AM – 12:00 PM)

ROOM Delaware A
LEVEL Lobby

Better Buildings Energy Data Accelerator Partners and stakeholders will present progress on their efforts to achieve the overall objective of the Accelerator—provide whole-building data access for 20% of buildings in their local jurisdictions. Best practices will be presented and discussed on the following topics: system design and implementation and developing and executing an effective stakeholder engagement strategy to address barriers to whole-building data access.

Moderator
Monisha Shah, National Renewable Energy Laboratory

Greening Grants:
Minimizing Energy and
Environmental Impacts
of Federally Funded Research
(Invite Only)

(9:00 AM – 2:00 PM)

ROOM Delaware B
LEVEL Lobby

As follow-up to the Better Buildings Case Competition, this meeting will focus on ways to connect sustainability to federally supported research. This has the dual benefit of reducing the environmental footprint of research and maximizing the effective use of federal dollars.

Moderator
Andy Mitchell, DOE

High-Impact
Technologies Forum:
Harnessing American
Ingenuity and Innovation

(9:00 AM – 2:00 PM)

ROOM Washington 6
LEVEL Exhibition

Join representatives from federal agencies for a half-day forum focused on the framework that supports partnerships, and products that will drive adoption of high-impact technologies. Three topics will include: Leading Edge to Market Ready: The Federal Technology Framework; Innovative, High-Impact Technologies That You Should Know About Today; and Identifying the Next Big Thing: Tech-to-Market Projects for Next-Generation Results.

Moderator
Amy Jiron, DOE

- PANELISTS**
- Glen R. DeWillie, DoD ESTCP Energy Test Bed
 - Chris Payne, FEMP
 - Pat Phelan, DOE
 - Kevin Powell, GSA Green Proving Ground
 - Commander Matt McCann, Federal Energy Performance Contracting
 - Sven Mumme, DOE, ARPA-E

MULTIFAMILY TRACK

Workshop on Multifamily Efficiency Programs

(8:30 AM–12:00 PM)

ROOM Washington 4

LEVEL Exhibition

This session is for building owners/operators and utilities that serve them to discuss opportunities to increase multifamily participation in efficiency programs. Topics include: improving collaboration in benchmarking; one-stop-shop models for comprehensive deep retrofits, considering methods that can be adopted by utilities; and strategically aligning whole-building measures with points of refinancing.

Moderators

Julia Koster, HUD

Lauren Ross, ACEEE

PANELISTS 1

Toby Ast, Preservation of Affordable Housing

Ed Connelly, New Ecology

PANELISTS 2

Abby Corso, Elevate Energy

Caitlin Rood, Mercy Housing

PANELISTS 3

Ainsley Close, Washington State Housing Finance Commission

Rachael Fredericks, Public Service Enterprise Group

Keith Kindel, District of Columbia Housing Authority

Jogchum Poodt, DC Sustainable Energy Utility

NOTES

[illegible]

PUBLIC
TRACK

Best Practices in Data Access,
Tracking, and Analysis:
Workshop for the Public Sector

(8:30 AM – 12:30 PM)

ROOM Roosevelt 3
LEVEL Lobby

This facilitated workshop will review best practices for establishing a robust process for tracking utility billing data in the public sector. Participants will explore strategies for streamlining access to data and employing it to reach energy reduction goals. Presentations from state/local governments will be followed by breakout discussions focused on successful approaches, current challenges, and opportunities.

Moderator
Mona Khalil, DOE

K-12 Partner Meeting; Including
K-12 School Districts in the Clean
Energy Equation

(8:30 AM – 10:00 AM)

ROOM Roosevelt 4
LEVEL Exhibition

School facilities managers are looking for ways to streamline the implementation of clean energy technologies for high-performance schools that foster safe, healthy, and optimum learning environments. This session will include special presentations and group discussion for K-12 BBC Partners and other city and state stakeholders engaged in managing educational campuses.

Moderator
Crystal McDonald, DOE

SEP Competitive Cohort Meeting:
Sustainable Financing for Retrofits
(Retrofitting Public Buildings)
(Invite Only)

(8:30 AM – 10:00 AM)

ROOM Roosevelt 1
LEVEL Exhibition

State Energy Program grantees with FY13 competitive awards in “Accelerating Industrial Energy Efficiency and CHP” are invited to participate in a peer-to-peer exchange. States will discuss strategies for engaging key stakeholders in their states, recent progress on their action plans, and new opportunities for reducing barriers to adoption of IEE and CHP in their respective states.

Moderator
Alice Dasek, DOE

BETTER BUILDINGS ACCELERATORS
TRACK

Better Buildings Accelerator:
Outdoor Lighting
(Invite Only)

(10:30 AM – 12:00 PM)

ROOM Roosevelt 2
LEVEL Exhibition

This session is closed to Better Buildings Outdoor Lighting Accelerator partners and guest subject matter experts. This will be the first in-person meeting for Partners to network, conduct a mid-year progress review, and spotlight prevalent issues along their respective project life cycles. The expectation is to develop a list of actionable items for next steps leading to solution sets for each category of barriers to broad deployment of high-performance outdoor lighting.

Moderator
Crystal McDonald, DOE

PUBLIC
TRACK

SEP Competitive Cohort Meeting:
Supporting Leadership by Example in States
(Invite Only)

(10:30 AM – 12:00 PM)

ROOM Roosevelt 1
LEVEL Exhibition

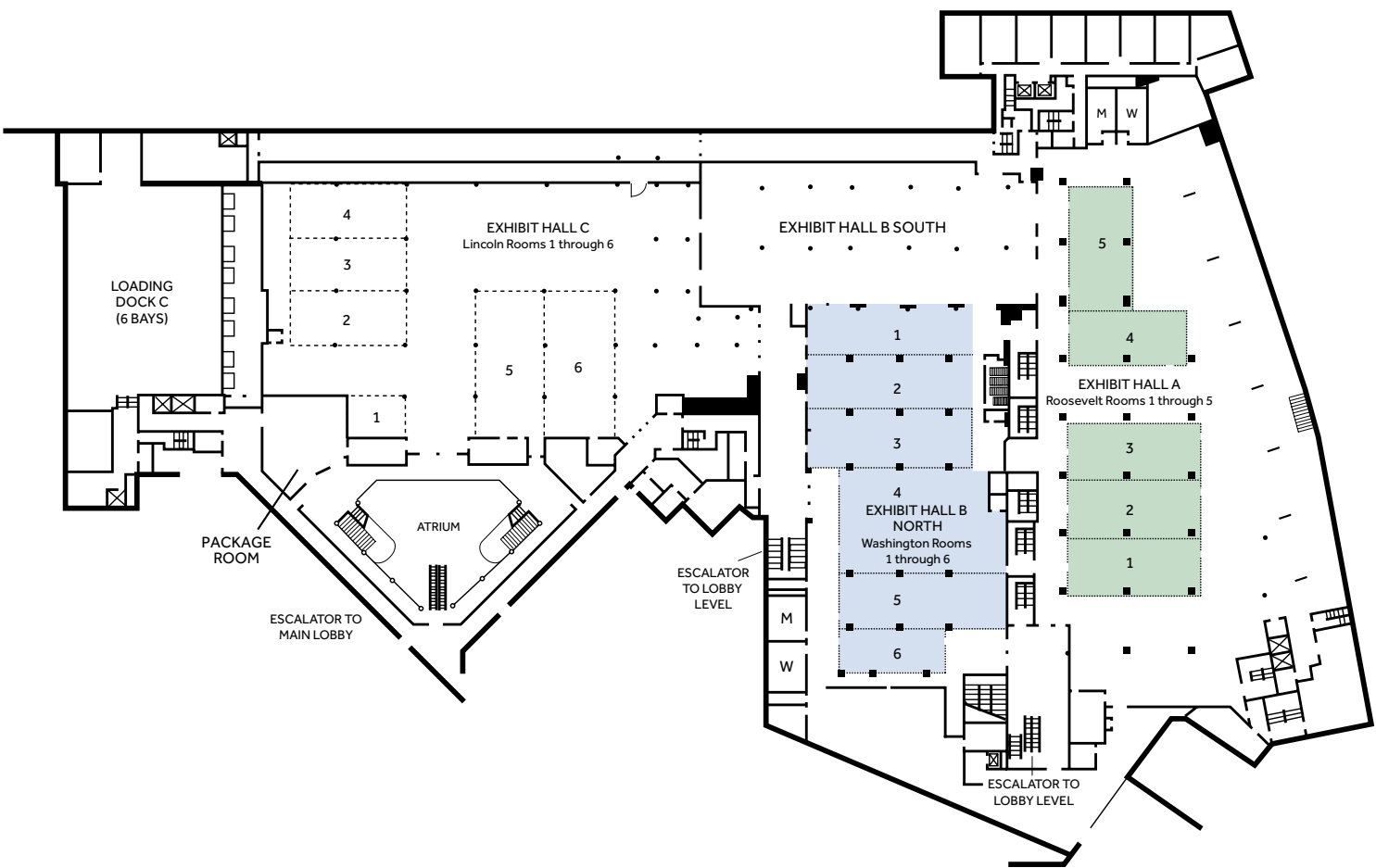
This is a closed session by invite only for the SEP Competitive states working on Lead By Example efforts.

Moderator
Alice Dasek, DOE

Lobby Level



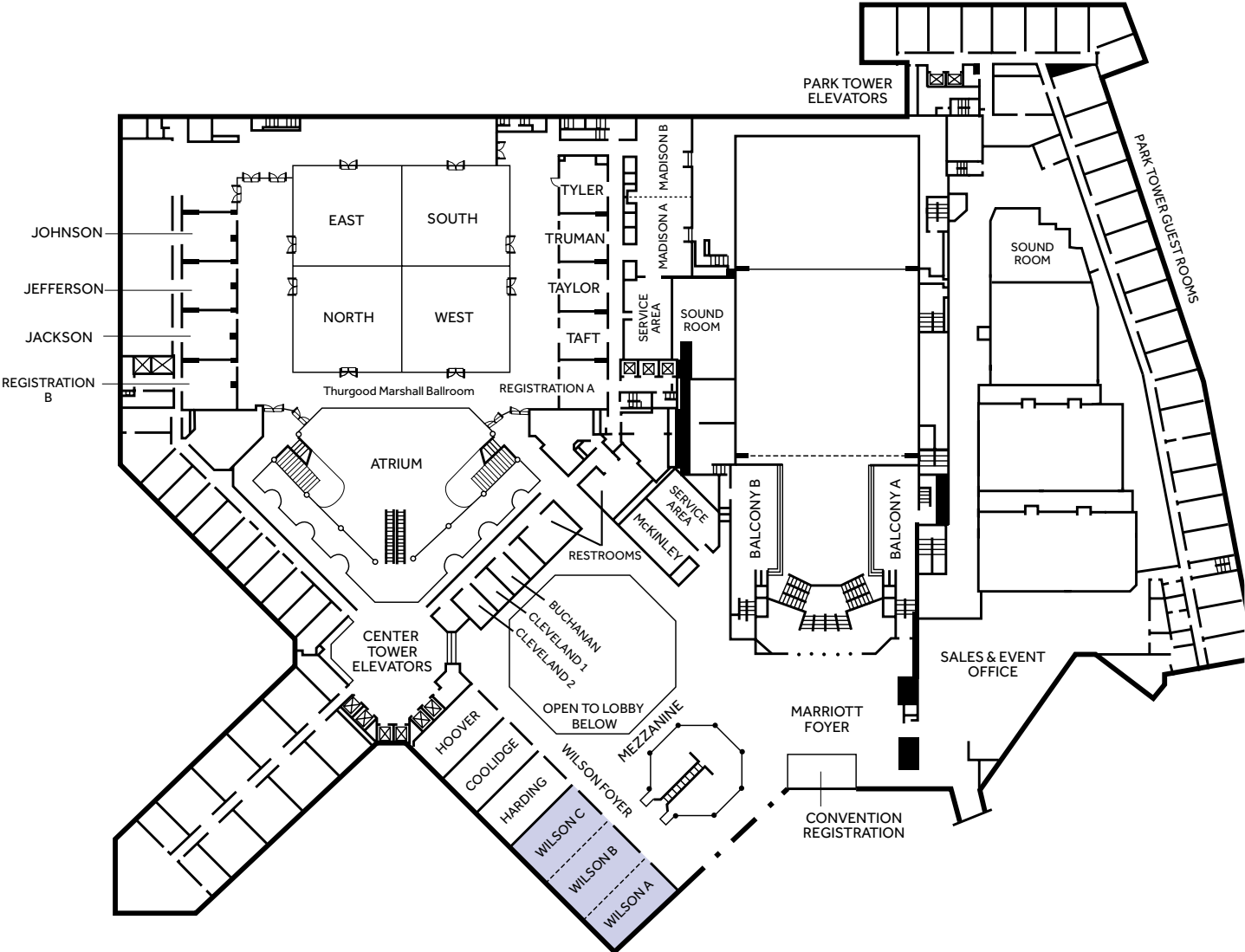
Exhibition Level



Rooms

- Washington
- Roosevelt

Mezzanine Level



Rooms

Wilson

